

10/589794
APS Rec'd PCT/PTO 17 AUG 2006

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sven WOOP ET AL-1 (PCT)

PCT NO.: PCT/DE2005/000266

FILED: FEBRUARY 16, 2005

TITLE: DEVICE FOR THE PHOTOREALISTIC REPRESENTATION OF
DYNAMIC, COMPLEX, THREE-DIMENSIONAL SCENES BY
MEANS OF RAY TRACING

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

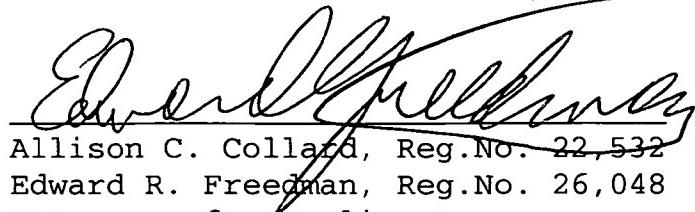
Applicants are enclosing Form PTO-1449 disclosing the references cited in the International Search Report, copy enclosed. Copies of the U.S. references are not enclosed herewith, pursuant to current U.S.P.T.O. guidelines. *US 6,597,359 B1*, *US 5,933,146*, "*Schmittler, J...SaarCOR...*" and "*Dept. of Computer Graphics... A Simple and Practical Method...*" were all discussed in the Specification on page 4. *Foley J.D. et al: "Computer Graphics Principles and Practice"*, *DE 43 31 715*, *DE 44 17 664*, *DE 197 53 040*, *DE 198 27 590* (equivalent of *U.S. Patent No. 6,301,541*), and *DE 197 37 449* were discussed in the Specification on page 12. Because the instant Information Disclosure Statement is being filed concurrently with the application, no official fee is required in connection with the same. It is respectfully requested that the foregoing Information Disclosure Statement be incorporated into the

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official file of the concurrently-filed PCT patent application.

Respectfully submitted,
Sven WOOP ET AL.

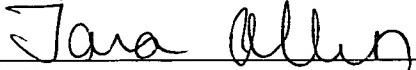
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Enclosures: PTO Form-1449 and 5 references

Express Mail No. **EV 808 536 803 US**
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above, and is addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Tara Allen

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| FORM PTO-1449 (REV. 7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO.: WOOP ET AL-1 PCT | SERIAL NO. 10/589794 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT: Sven WOOP ET AL. | | | |
| | | FILING DATE: | GROUP: | | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|---------|------------------------------------|-------|----------|----------------------------|
| /P.H./ | AA | 6,597,359 B1 | 07/2003 | Lathrop (Spec) | | | |
| /P.H./ | AB | 6,302,541 | 10/2001 | Grossmann =DE 198 27 590 (Spec) | | | |
| /P.H./ | AC | 5,933,146 | 08/1999 | Wrigley (Spec) | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--------|----|-----------------|---------|--|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| /P.H./ | AL | DE 43 31 715 | 03/1995 | Germany (Spec) w/English Abstract | | | | |
| /P.H./ | AM | DE 44 17 664 | 12/1994 | Germany (Spec) w/English Abstract | | | | |
| /P.H./ | AN | DE 197 53 040 | 05/1999 | Germany (Spec) w/English Abstract | | | | |
| /P.H./ | AO | DE 198 27 590 | 12/1999 | Germany (Spec) w/English Abstract=US 6,302,541 | | | | |
| /P.H./ | AP | DE 197 37 449 | 02/1999 | Germany (Spec) w/English Abstract | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| /P.H./ | AR | Schmittler J. et al: "A virtual memory architecture for real-time ray tracing hardware," Computers and Graphics, Pergamon Press Ltd., Oxford, GB, vol. 27, no. 5, October 2003 (2003-10), pages 693-699, XP004465051 ISSN: 0097-8493, page 693-page 695 (ISR) | | | | | |
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| /P.H./ | AS | Schmittler J., Wald I, Slusallek P: "SaarCOR-A Hardware for Ray Tracing" Proceedings of Eurographics Graphics Hardware 2002, 1 September 2002 (2002-09-01), pages 27-36, XP002328209 Saarbrücken, Germany. (ISR and Spec) - to follow | | | | | |
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| /P.H./ | AW | Foley J D et al: "Computer Graphics Principles and Practice" Computer Graphics. Principles and Practice, Reading, Addison Wesley, US 1996, pages 649-720, XP002082444 page 701-page 711 (ISR) |
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| /P.H./ | AY | Department of Computer Graphics at the University of Saarland, "A Simple and Practical Method for Interactive Ray-Tracing of Dynamic Scenes" (Spec-to follow) (2002) |
| EXAMINER | /Phi Hoang/ | DATE CONSIDERED 10/06/2011 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.